

**TEMPERATURE COMPENSATION CIRCUIT TO MAINTAIN RATIO OF**  
**MONITOR PHOTODIODE CURRENT TO FIBER COUPLED LIGHT IN A**  
**LASER**

**ABSTRACT OF THE DISCLOSURE**

**[0046]** Embodiments of the present invention include a thermistor and resistor network coupled to change the effective responsivity of a monitor photodiode positioned to monitor laser power output to compensate for changes in optical fiber tracking caused by changes in temperature and maintain constant or proportional the ratio of light coupled into the optical fiber to the light coupled to the monitor photodiode.